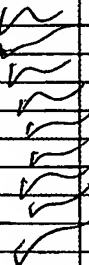


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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/693,300	
			Filing Date	October 23, 2003	
			First Named Inventor	Peng, Xinzhan	
			Art Unit	1751	
			Examiner Name	To Be Assigned	
Sheet	1	of	3	Attorney Docket Number	020031-002710US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
✓	1.	3,094,536 A	08-18-1983	Kenney	
✓	2.	4,997,928A	03-05-1991	Hobbs, Jr.	
✓	3.	5,135,717 A	08-04-1992	Renzoni et al.	
✓	4.	5,171,534 A	12-15-1992	Smith et al.	
✓	5.	5,332,666 A	07-26-1994	Prober et al.	
✓	6.	5,346,670 A	09-13-1994	Renzoni et al.	
✓	7.	5,403,928 A	04-04-1995	Arrhenius	
✓	8.	5,848,703 A	12-08-1998	Devlin et al.	
✓	9.	5,872,248 A	02-16-1999	Cheng et al.	
✓	10.	6,027,709 A	02-22-2000	Little et al.	
✓	11.	6,060,598 A	05-09-2000	Devlin et al.	
✓	12.	6,323,186 B1	11-27-2001	Klaubert et al.	
✓	13.	2002/0077487 A1	08-20-2002	Leung et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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

















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			Application Number	10/693,300	
			Filing Date	October 23, 2003	
			First Named Inventor	Peng, Xinzhan	
			Art Unit	1751	
			Examiner Name	To Be Assigned	
Sheet	2	of	3	Attorney Docket Number	020031-002710US

















NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	23.	BARREL, B., "DNA sequencing: present limitations and prospects for the future" FASEB Journal 5(1):40-45 (1991).	
	24.	BRUSCHI, P. et al., "Sensing properties of polypyrrole-polytetrafluoroethylene composite thin films from granular metal-polymer precursors" Sensors and Actuators A 32:313-317 (1992).	
	25.	CHEN, Z. et al., "Monomerization of cationic phthalocyanine in AOT reversed micelles" Langmuir 17:7957-7959 (2001).	
	26.	DE FILIPPIS, M. et al., "Synthesis of a new water-soluble octa-cationic phthalocyanine derivative for PDT" Tetrahedron Lett 41:9143-9147 (2000).	
	27.	ESPOSITO, J. et al., "The synthesis and physical properties of some organo- and organosilicon phthalocyanines" Inorganic Chemistry 5(11):1979-1984 (1979) (Reprinted from 1966).	
	28.	HERMANSON, G., <u>Bioconjugate Techniques</u> , Pierce Chemical Company, Rockford Illinois, Academic Press, pp.487-492 (1995).	
	29.	HU, M. et al., "Hydroxyphthalocyanines as potential photodynamic agents for cancer therapy" J. Med. Chem. 41:1789-1802 (1998).	
	30.	INNIS M. et al., "DNA sequencing with Thermus aquaticus DNA polymerase and direct sequencing of polymerase chain reaction-amplified DNA" Proc Natl Acad Sci U S A. 85(24):9436-40 (1988).	
	31.	JOUBE, C. et al., "Conductive polyethylene as sensitive layer for gas detection" Sensors and Actuators B 28:75-80 (1995).	
	32.	JOYNER, R. et al., "Diphenoxysilicon phthalocyanine" J. Inorg. Nucl. Chem. 15:387-388 (1960)	
	33.	KASUGA, K. et al., "Preparation of unsymmetrical phthalocyanine by means of a ring expansion of subphthalocyanine" Inorganica Chimica Acta 196: 127-128 (1992).	
	34.	KIMURA, M. et al., "Catalytic oxidation of 2-mercaptoethanol by cationic water-soluble phthalocyaninatocobalt(II) complexes" J. Porphyrins and Phthalocyanines 1:309-313 (1997).	
	35.	KOBAYASHI, N. et al., "New route to unsymmetrical phthalocyanine analogues by the use of structurally distorted subphthalocyanines" J. Am. Chem. Soc. 112:9640-9641 (1990).	
	36.	LICHA, K., "Contrast agents for optical imaging" <u>Topics in Current Chemistry</u> Vol. 222, Springer-Verlag Berlin Heidelberg, pp.1-29 (2002).	
	37.	LUNDBERG, B. et al., "Resistivity of a composite conducting polymer as a function of temperature, pressure, and environment: Applications as a pressure and gas concentration transducer" J. Appl. Phys. 60(3):1074-1079 (1988).	
	38.	MAXAM, A. et al., "Sequencing end-labeled DNA with base-specific chemical cleavages" Meth. in Enzym. 65:499-560 (1980).	
	39.	MIDDENDORF, L. et al., "Sequencing Technology" Chapter in <u>Biotechnology, Volume 5b, Genomics and Bioinformatics</u> Rehm and Reed (Eds.), Wiley-VCH Publishers, Germany, (2001) ISBN: 3-527-28328-5.	
	40.	MINNOCK, A. et al., "Mechanism of uptake of a cationic water-soluble pyridinium zinc phthalocyanine across the outer membrane of Escherichia coli" Antimicrobial Agents and Chemotherapy 44(3):522-527 (2000).	

Examiner Signature		Date Considered	2/26/05
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		Filing Date	October 23, 2003		
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	41.	MINNOCK, A. et al., "Photoinactivation of bacteria. Use of a cationic water-soluble zinc phthalocyanine to photoinactivate both gram-negative and gram positive bacteria" J. Photochem. Photobiol. B: Biol. 32 (3):159-164 (1998) Abstract Only.	
	42.	NEUBURGER, G. et al., "Chemically actuated electronic switch" Sensors and Actuators, B1 326-332 (1990).	
	43.	NGAI, T. et al., "Disstacking of phthalocyanine in water by poly(ethylene oxide)" Langmuir 17:1381-1383 (2001).	
	44.	RUSCHAU, G. et al., "0-3 ceramic/polymer composite chemical sensors" Sensors and Actuators 20:269-275 (1989).	
	45.	SANGER et al., "DNA sequencing with chain-terminating inhibitors" Proc. Natl. Acad. Sci. USA 74(12):5483-7 (1977).	
	46.	SASTRE, A. et al., "Synthesis of novel unsymmetrically substituted push-pull phthalocyanines" J. Org. Chem. 61(24):8591-8597 (1998).	
	47.	SASTRE, A. et al., "Synthesis of novel unsymmetrical monoaminated phthalocyanines" Tetrahedron Letters 36(46):8501-8504 (1995).	
	48.	SHARMAN, W. et al., "Novel water-soluble phthalocyanines substituted with phosphonate moieties on the benzo rings" Tetrahedron Lett. 37(33):5831-5834 (1996).	
	49.	STAHL, S. et al., "Solid phase DNA sequencing using the biotin-avidin system" Nucleic Acids Res. 16(7):3025-38 (1988).	
	50.	TABOR, S. et al., "DNA sequence analysis with a modified bacteriophage T7 DNA polymerase" Proc. Natl. Acad. Sci. USA 84:4767-71 (1987).	
	51.	TRAINOR, G., "DNA sequencing, automation, and the human genome" Anal. Chem. 62(5):418-428 (1990).	
	52.	WANG, X. et al., "Synthesis, spectral and aggregation properties of a novel water-soluble tetracarboxynaphthalocyaninatozinc" Dyes and Pigments 41(3):193-198 (1999).	
	53.	WEBER, J. et al., "Complexes derived from strong field ligands. XIX. Magnetic properties of transition metal derivatives of 4,4',4'',4'''-tetrasulfophthalocyanine" Inorg. Chem. 4(4):469-471 (1965).	
	54.	WEITEMEYER, A. et al., "Unsymmetrically substituted phthalocyanine derivatives via a modified ring enlargement reaction of unsubstituted subphthalocyanine" J. Org. Chem. 60:4900-4904 (1995).	
	55.	YANG, Y. et al., "Dimerization of cobalt(II) tetrasulfonated phthalocyanine in water and aqueous alcoholic solutions" Inorg. Chem. 24:1765-1769 (1985).	
	56.	ZAHEER, A. et al., "In vivo near-infrared fluorescence imaging of osteoblastic activity" Nature Biotech. 19:1148-1154 (2001).	

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